

Note to students: Each report will be graded according to the performance assessment list. Be sure to address each task in the list.

Purpose:

- To investigate in depth one career choice
- To gain an appreciation and understanding of how pervasive mathematics is in our lives
- To know what mathematical skills are necessary for certain careers and to begin to decide “what I want to be when I grow up”?

Materials: computer, Internet, library

Procedure:

1. You will prepare an in depth report on one career.
 - A. Your report must include the following information:
 - an overview of this career possible places of employment
 - projected earning range (yearly gross earnings)
 - description of the mathematical skills necessary to begin training or schooling for this career
 - description of the mathematical skills used in this career
 - a paragraph about how you feel about this career
 - B. Your report must be organized as follows: cover sheet with your name, class, date, title and graphic.
 - three to five typewritten (size 12 font and double-spaced) pages, not including graphics.
 - at least one page with a graphic and explanation (this could be incorporated into the body of your report).
 - bibliography sheet
 - C. You will follow the MLA rules, as you do in English class, for formatting your report
2. You will prepare a three to five minute speech to deliver to your classmates concerning the career you researched. Be sure to include the *important facts* in your speech. You do not have to memorize, but should be familiar enough with your speech so that your notes are not read directly. Be prepared to answer some questions.
3. After the class has presented, students will write a one-page critique of the activity, describing what they learned, what could have been done better, what they would change about the activity, etc.

Extension: Invite several people involved in different careers to speak to the class.